IFW

MAR 2 1 2005

PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031

Under the Panerwork Res	duction Act of 1995, no nersons	U.S.	atent and Tr	ademark Office	U.S. DEPARTMENT OF COMMERCE it displays a valid OMB control number.		
Miles		Application Number	10/615,		I displays a valid contact control from best		
TRANSI	MITTAL	Filing Date	July 8, 2	2003			
FOF	RM	First Named Inventor		R. Hunter			
		Art Unit	2857				
(to be used for all correspo	andence after initial filing)	Examiner Name	Carol S.	TSAI			
	1.	Attorney Docket Number	TREND	- 00101			
Total Number of Pages in This Submission 8 TREND - 00101							
ENCLOSURES (Check all that apply)							
Fee Transmittal For		Orawing(s)		Appe of Ap	Allowance Communication to TC		
After Final Affidavits/declaration(s)  Extension of Time Request Express Abandonment Request		Petition Petition to Convert to a Provisional Application Power of Attorney, Revocatic Change of Correspondence of Ferminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on Cl ks	Status Letter  Other Enclosure(s) (please Id below):  20 references as cited in the 1449 f		eal Notice, Brief, Reply Brief) rietary Information us Letter r Enclosure(s) (please Identify w):		
	SIGNATURE C	F APPLICANT, ATTO	RNEY, O	R AGENT			
Firm Name Dechert	LLP, P.O. Box 10004, Palo	Alto, CA 94303-0961					
Signature				_	· · · · · · · · · · · · · · · · · · ·		
Printed name Justin Bo	oyce		***				
Date 03/15/2005		Reg. No. 40,920					
Express Mail mailing label No.  CERTIFICATE OF TRANSMISSION/MAILING Facsimile No. xxxxx							
sufficient postage as First C Alexandria, VA 22313 on t	Class mail in an envelope a				Inited States Postal Service with AMENDMENT, P.O. Box 1450,		
Signature	FBJE Plan	8					
Typed or printed name	Everett La Pointe			Date 03/15/2005			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 11.4. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will 149 depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. D NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Robert R. Hunter Docket No.: TREND - 00101

**Serial No.:** 10/615,572 **Art Unit:** 2857

Filed: July 8, 2003 Examiner: Carol S. TSAI

Title: Method and Apparatus for Reading and Controlling Utility Consumption

# **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

(	)	(within	37 CFR 1.97(b), or three months of filing national application; or date of entry of international application; or before date of first office action on the merits; whichever occurs last)
(,	·)		37 CFR 1.97(c) together with either a: Certification under 37 CFR 1.97(e), or a \$220.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
(	)	( )	37 CFR 1.97(d) together with a: Certification under 37 CFR 1.97(e), and a \$220.00 fee under 37 CFR 1.17(d)(2)(ii), and a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1) (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
	/erp	aymen	Commissioner is authorized to charge any additional fees or credit any to <b>Deposit Account No. 50-2778</b> (Order No. TREND - 00101 ). A sheet is enclosed for accounting purposes.

- (v) Applicant submits herewith the references listed on the attached form PTO-1449 of which Applicant is aware and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56. The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), nor as an admission that the information cited is, or is considered to be, material to patentability, nor an admission that no other material information exists. The filing of this information disclosure statement shall not be construed as an admission against interest in any manner.
- ( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 156(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

Respectfully Submitted,

Justin Boyce

Reg. No. 40,920

Dechert LLP Customer No. 37509 P.O. Box 10004 Palo Alto, CA 94303-0961

Tel: 650.813.4800 Fax: 650.813.4848

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to resp

Substitute for form 1449/PTO

Sheet 4

THE VECTOR

### SUPPLEMENTAL INFORMATION DISCLOSURE

STATEMENT BY APPLICANT (Use as many sheets as necessary) of 8

Complete if Known					
Application Number	10/615,572				
Filing Date	July 8, 2003				
First Named Inventor	Robert R. Hunter				
Art Unit	2857				
Examiner Name	Carol S. TSAI				
Attorney Docket Number	TREND - 00101				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (# known)			rigules Appeal
	AA	<sup>US-</sup> 5,002,226	03/26/1991	L.W. NELSON	
	AB	<sup>US-</sup> 5,684,710	11/04/1997	EHLERS et al.	
	AC	<sup>US-</sup> 5,696,695	12/09/1997	EHLERS et al.	
	AD	<sup>US-</sup> 6,134,655	10/17/2000	G.A. DAVIS	
	AE	<sup>US-</sup> 6,362,745	03/26/2002	G.A. DAVIS	
-	AF	<sup>US-</sup> 6,619,055	09/16/2003	K.L. ADDY	
	AG	us- 6,639,893	10/28/2003	CHIKENJI et al.	
	АН	<sup>US-</sup> 6,728,646	04/27/2004	HOWELL et al.	
	AI	<sup>US-</sup> 6,747,571	06/08/2004	FIERRO et al.	
	Ī	US-			
	1	US-			
		US-			
	1	US-			
	$\vdash$	US-			
	†	US-			
-		US-			
	1	US-	1		
		US-			
	+	US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> 'Number <sup>4</sup> 'Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T	
	ļ					누	
						₽	
	<del> </del>					┢	
	1					Ī	
						Г	

Examiner	Date
Signature	Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \*Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing his burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Attorney Docket Number

INFORMATION DISCLOSURE

Substitute for form 1449/PTO

 Application Number
 10/615,572

 Filing Date
 July 8, 2003

 First Named Inventor
 Robert R. Hunter

 Art Unit
 2857

 Examiner Name
 Carol S. TSAI

TREND-00101

Complete if Known

STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Sheet 5 of 8

Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AJ	<sup>US-</sup> 4,216,384	08-1980	HURLEY, Frederick A.	
	AK	<sup>US-</sup> 5,721,659	02-1998	YOUNG, Danny J.	
	AL	<sup>US-</sup> 5,721,934	02-1998	SCHEURICH, Christoph	
	AM	<sup>US-</sup> 5,805,458	09-1998	MCNAMARA et al.	
	AN	<sup>US-</sup> 6,226,600	05-2001	RODENBERG, et al.	
	AO	<sup>US-</sup> 6,301,674	10-2001	SAITO, et al.	
	AP	<sup>US-</sup> 6,311,105	10-2001	BUDIKE, Jr., Lothar E.S.	
	AQ	<sup>US-</sup> 6,476,728	11-2002	SAKAKIBARA, Ken	
	AR	<sup>US-</sup> 6,483,291	11-2002	BHATEJA et al.	
	AS	US- 6,772,052	08-2004	AMUMDSEN, et al.	
	AT	<sup>US-</sup> 6,826,695	12-2004	HANSEN, Rick L.	
		US-			
	1	US-			
		US-			
	1	US-			
		US-	1		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Ţ	
						Ļ	
	<u> </u>					┡	
						┝	
						t	
	<del>                                     </del>		-			忄	

Examiner	Date	
Signature	Considered	

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Robert R. Hunter

Docket No.: TREND - 00101

Serial No.: 10/615,572

Art Unit: 2857

Filed: July 8, 2003

Examiner: Carol S. TSAI

Title: Method and Apparatus for Reading and Controlling Utility Consumption

# INFORMATION DISCLOSURE STATEMENT ~ CERTIFICATION ~

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

- 1, the person signing below, certify
- that each item of information contained in the information disclosure ( ) statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement. (37 CFR 1.97(e)(1))
- that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 CFR 1.97(e)(2).

The person making this certification is the attorney who signs below on the basis of the information:

- ( ) supplied by the inventor(s)
- () supplied by an individual designated in §1.56(c)
- (v) in the attorney's file

Respectfully Submitted,

Justin Boyce

Attorney For Applicant Reg. No.: 40,920

Dechert LLP Customer No. 37509 P.O. Box 10004 Palo Alto, CA 94303-0961

Tel: 650.813.4800 Fax: 650.813.4848